

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

SEVERE STORMS BROUGHT HEAVY RAIN, HAIL, AND TORNADOS

Severe storms swept across the state bringing heavy rain, hail, and tornados, according to the Minnesota Agricultural Statistics Service. Tornados occurred in Grove City, Litchfield, Benson, Parkers Prairie, and Brainerd. Hail accompanied the severe storms which damaged crops in several areas. Frustration builds as the weekly precipitation was 1.3 inches above normal which has caused extremely wet soil conditions. Crop progress remains slow due to the lack of sunshine and heat. Seed rot, disease, and cutworms are concerns for many producers.

Corn was 99% emerged as of Sunday, the same as this date a year ago, and for the 5-year average. Corn height is 7 inches, compared with 16 inches this time last year. The 5-year average is 14 inches. The corn condition rating of good to excellent is 44%, the same as the previous week.

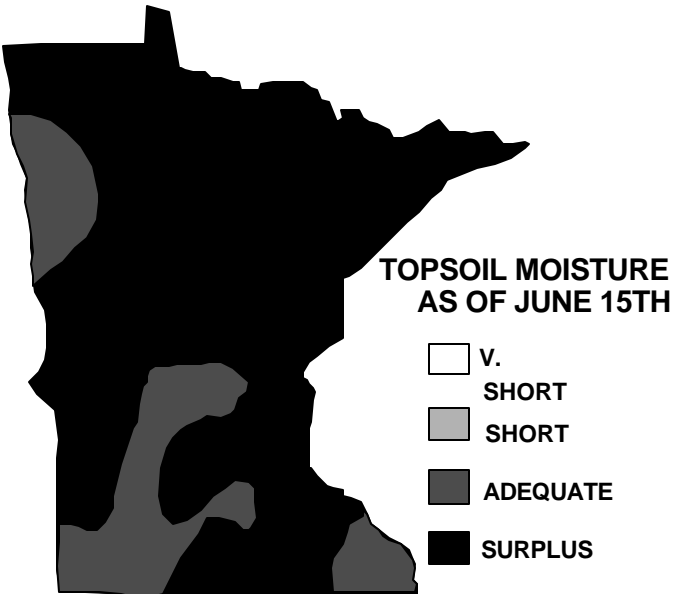
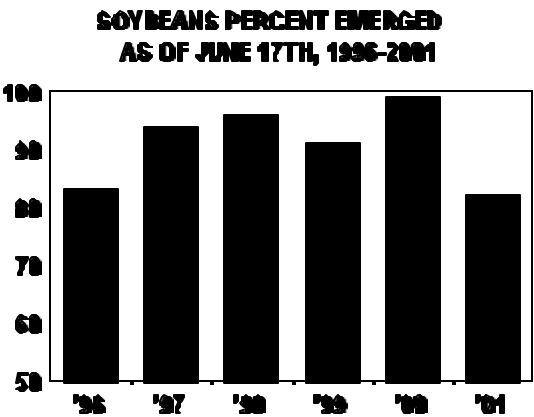
Soybeans are 82% emerged, compared to 99% a year ago, and 93% for the 5-year average. Soybean height is 3 inches, compared with 5 inches this time last year. The soybean condition rating of good to excellent is 43%, compared to last week's rating of 41%.

Spring wheat emergence is 97%, compared to 98% for the 5-year average. Spring wheat has reached 23% jointed, compared to the 5-year average of 52%. Spring wheat conditions are rated 76% good to excellent, up from the rating the previous week of 69%.

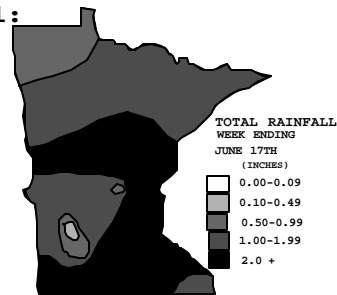
Pasture conditions are rated as 74% good to excellent. Alfalfa is reported to be 60% good to excellent. The first cutting of alfalfa hay is 58% completed, compared to the 5-year average of 74%. With the wet weather, alfalfa harvest has been difficult. In fields cut for hay, the hay has been down and rained on for several days.

Topsoil moisture conditions across the state as of June 15<sup>th</sup> were rated 36% adequate and 64% surplus.

Days Suitable for Fieldwork: 1.9								
		Very Short	Short	Ade-quate	Surplus			
Topsoil Moisture (%)		0	0	36	64			
Crop Progress as of June 17, 2001								
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week			
-----Percent-----								
Corn	Emerged	99	99	95	99			
	Height-Inches	14	16	5	7			
Soybeans	Emerged	93	99	61	82			
	Height-Inches	4	5	NA	3			
Spring Wheat	Emerged	98	99	82	97			
	Jointed	52	79	9	23			
Oats	Heading	11	24	NA	0			
	Emerged	99	99	86	96			
Barley	Jointed	68	78	13	39			
	Heading	17	29	NA	0			
	Emerged	97	99	81	97			
	Jointed	48	78	12	26			
Dry Beans	Heading	9	19	NA	0			
	Planted	97	99	85	98			
Sweet Corn	Planted	91	92	80	84			
Sunflowers	Planted	97	99	73	96			
Alfalfa Hay	First Cutting	74	82	44	58			
Canola	Planted	NA	99	70	98			
Crop Condition as of June 15 <sup>th</sup>								
	V. Poor	Poor	Fair	Good	Exc.			
Pasture	3	4	19	57	17			
Oats	4	9	22	52	13			
Barley	3	3	19	61	14			
Spring Wheat	1	3	20	66	10			
Alfalfa	7	9	24	46	14			
Soybeans	4	12	41	38	5			
Sugarbeets	2	5	33	54	6			
Corn	4	10	42	40	4			
District Progress as of June 15, 2001								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn height	4	6	6	7	4	6	6	8



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 17, 2001:  
Temperatures averaged from 0.7 degree below normal in the Northwest District to 4.0 degrees above normal in the Southeast District. Extremes: 39° in Hibbing;98° in Waseca. Precipitation averaged from 0.26 inch above normal in the Northwest District to 3.29 inches above normal in the South Central District. Greatest weekly total was 4.81 inches.



Precipitation and Temperature Summary for 06/11/2001 through 06/17/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	84	48	63.5	-1.0	.56	-.28	-.68	-.61	395	-16
Moorhead	78	51	63.2	-2.1	1.87	1.20	1.13	2.09	387	-50
Warroad	84	46	62.9	1.0	.72	-.16	2.85	4.62	344	1
<u>NC DIST 2</u>										
Grand Rapids	82	46	65.1	3.2	3.30	2.32	2.77	6.23	375	25
Intl. Falls	80	46	61.6	.5	1.56	.62	1.82	4.37	334	-3
Itasca	84	45	62.6	.4	1.69	.64	2.14	2.58	339	-15
<u>NE DIST 3</u>										
Duluth	78	45	61.6	2.2	1.49	.58	.51	6.19	278	-8
Grand Marais	74	40	51.2	-2.4	1.69	.86	1.59	6.92	115	-74
Hibbing	78	39	61.4	1.4	1.08	.17	.92	2.13	312	3
<u>WC DIST 4</u>										
Alexandria	77	52	64.3	-1.2	.26m	-.75m	-2.32m	.22m	342	-94
Browns Valley	85	52	65.8	-.6	1.40	.51	1.91	5.05	404	-48
Canby	93	54	69.4	1.1	1.72	.86	1.83	7.24	428	-69
Fergus Falls	82	52	65.4	.5	3.75	2.86	3.83	6.31	402	-21
Montevideo	94	51	69.9	2.4	.15	-.80	-.46	3.90	406	-78
Morris	81	53	66.7	1.0	1.36	.47	2.91	5.61	402	-37
<u>CENT DIST 5</u>										
Becker	83	52	68.7	4.1	2.53	1.44	1.65	5.90	387	-31
Hutchinson	87	53	70.0	2.7	2.17	1.11	.99	5.53	414	-64
Olivia	93	52	69.0	.7	1.58	.64	.67	3.99	424	-77
St. Cloud	81	51	66.2	1.7	.57	-.57	.57	7.05	360	-54
Staples	80	49	64.4	1.0	4.57	3.50	4.72	6.88	347	-40
Willmar	83	54	68.4	1.5	1.53	.31	-.32	2.86	399	-70
<u>EC DIST 6</u>										
Aitkin	81	48	64.0	1.1	3.63	2.66	3.50	7.64	369	0
Cambridge	79	50	65.0	-.4	2.72	1.65	2.18	8.60	333	-105
MSP Airport	87	56	70.2	2.3	4.12	3.15	3.96	8.97	413	-82
St. Paul - UofM	85	55	70.0	1.6	3.01	1.87	2.80	7.87	426	-99
<u>SW DIST 7</u>										
Lamberton	96	52	70.6	2.4	.81	.00	.13	4.70	411	-89
Pipestone	92	50	68.8	2.6	2.38	1.46	1.12	6.27	406	-45
Redwood Falls	92m	53m	68.2m	-1.0m	.34m	-.46m	-.97m	3.24m	384m	-149m
Worthington	91	53	69.4	2.5	3.55	2.54	2.63	7.81	408	-57
<u>SC DIST 8</u>										
Faribault	93	51	70.4	3.4	4.14	3.32	4.52	7.18	395	-73
Waseca	98	54	71.4	4.4	4.81	3.84	5.23	7.42	410	-63
Winnebago	96	54	70.4	3.0	3.73	2.69	4.32	7.85	414	-70
<u>SE DIST 9</u>										
Preston	91	49	69.6	3.8	1.42	.42	.99	5.01	390	-45
Red Wing	88	57	71.3	6.4	3.95	2.92	2.49	4.12	412	1
Rochester	92	52	69.0	2.7	3.10	2.24	3.82	11.16	363	-87
Rosemount	86	53	69.2	2.3	2.70	1.68	2.82	5.17	383	-76
Winona	87	55	71.2	3.9	2.07	1.22	2.15	4.79	407	-70

m=some data missing

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